

Embodiments of the invention will be explained with reference to the accompanying drawings.

In Fig. 1, a reference numeral 8 denotes a device main body within which a battery housing portion 10 partitioned by a wall 9 is disposed. A lid 11 is attached to the battery housing portion 10 so that a battery 12 can be easily inserted therein from the outside of the main body 8 and can also be taken out to the outside. The wall 9 is formed with two holes 14, 15 each having a diameter larger than the outer diameter of a connector 13. A lead wire 16 is withdrawn into the battery housing portion 10 through the hole 14. A connector 13a is attached to the tip end of the lead wire 16. In a state where the connector 13a is coupled to a connector 13b attached to the battery 12. When the battery 12 is housed with the housing portion 10, the connector 13 can be held at the position of the hole 15.

On the other hand, when a battery is detached, the connector 13a is placed in a movable state. However, since the connector 13a is positioned away from the hole 14, it is prevented from coming out of the battery housing portion 10. Since the degree of freedom of the lead wire 16 within the battery housing portion 10 is large, the connector 13 can be easily attached and detached, so that the battery 12 can also be easily attached and detached. Further, when the lead wire 16 is fixed at the position of the hole 14 by means of an adhesive tape 17, the connector 13a can be more effectively

prevented from coming out. This state is shown in Fig. 2.

Further, as shown in Fig. 3, when the wall 9 of the battery housing portion 10 is configured in such a manner that the holes 14 and 15 formed at the wall are coupled by a groove 19, the lead wire 16 can be held and housed within the groove 19, whereby the lead wire 16 does not interfere with the housing operation of the battery 12. Furthermore, the battery 12 and the coupling connector 13 are prevented from rattling at the time of housing the battery 12.

Next, another embodiment of the invention will be explained.

Fig. 4 shows another embodiment, in which four holes 14a, 14b, 14c and 15 are provided at the wall 9 of the battery housing portion 10 and the lead wire 16 is passed through these holes in a zigzag manner. When the lead wire 16 is passed through these holes in this manner, the lead wire 16 can be fixed easily thereby to eliminate the necessity of the adhesive tape 17 of the aforesaid embodiment. Further, when a hook 18 is attached to the wall 9 so as to hold the lead wire, the hook 18 also serves to hold the battery 12 and the coupling connector 13 similarly.